

English translation of the Claims

amended by the amendment under PCT Article 34 (2)(b)

1. (amended) A model tooth for dentistry practice which comprises

a crown part modeled by imitating a natural tooth,

a root part artificially modeled; and

a model tooth fixing part provided at the side of the root part of the model tooth, made of a bend elastic deformable synthetic resin material, located around the tooth axis of the model tooth as a central axis and being substantially small columnar,

the end side part of the model tooth fixing part having a huge part swelling in the outside direction around the tooth axis of the model tooth as a central axis,

at least the huge part of the model tooth fixing part divided into a plurality of divisions by a divided face directed outwardly from the tooth axis, whereby the divided huge parts being respectively deformable toward the tooth axis of the model tooth, and in which the synthetic resin material of which the model tooth fixing part is made has a bend elastic modulus of 800 MPa or more and less than 10000 MPa.

2. (deleted)

3. (amended) A device for dentistry practice which comprises

a model tooth including a crown part modeled by imitating a natural tooth and a root part artificially modeled; and

a model tooth fixing base in which the model tooth is inserted and fixed to the position of a tooth fixing hole formed therein in a state that the model tooth can be detachably fitted,

the root part of the model tooth having a model tooth fixing part made of a bend elastic deformable synthetic resin material, located around the tooth axis of the model tooth as a central axis and being substantially small columnar,

the end side part of the model tooth fixing part having a huge part swelling in the outside direction around the tooth axis of the model tooth as a central axis,

at least the huge part of the model tooth fixing part divided into a plurality of divisions by a divided face directed outwardly from the tooth axis, whereby the divided huge parts being respectively deformable toward the tooth axis of the model tooth,

the tooth fixing hole formed in the model tooth fixing base having a shape suitable for accommodating at least a part of the root part of the model tooth and the model tooth fixing part, whereby the model tooth capable of being fixed by locking the huge part to a locking part formed on the inner wall surface of the tooth fixing hole at the time of inserting the model tooth into the tooth fixing hole, and the engagement of the locking part and the huge part being unlocked by the bend deformation of the divided huge parts toward the tooth axis at the time of pulling out the model tooth fixed to the tooth fixing hole, and in which the synthetic resin material of which the model tooth fixing part is made has a bend elastic modulus of 800 MPa or more and less than 10000 MPa.

4. (added) The device for dentistry practice according to Claim 3, in which the maximum protuberant height of the enlarged part is 5 % to 50 % of the outer diameter of the model tooth fixing part, and 30 to 90 % of the maximum protuberant height of the enlarged part is engaged to the locking part, whereby the model tooth is fixed.